Appl. No. 10/749,853
 Docket No.: 1020,P16743

 Response Dated July 21, 2008
 Examiner: Jain, Raj K.

 Reply to Office Action of April 21, 2008
 TC/ALU. 2616

Amendments to the Abstract:

Please replace the Abstract with the following amended Abstract:

Various embodiments are described for adaptive puncturing techniques <u>involving an</u> adaptive bit loading block to select a modulation scheme and a puncturing pattern for each of a plurality of subcarriers or subcarrier bands based on subcarrier channel state information.